```
d his

     (FILE 'USPAT' ENTERED AT 12:37:31 ON 30 APR 94)
               SET STEPS ON
               SET STEPS OFF
               SET HIGH OFF
L1        49674 S XRAY# OR (X (A) RAY#)
               SET STEPS ON
               SET HIGH ON
L2       270502 S IDENTIF?
               SET STEPS OFF
L3         4580 S ATOMIC (A) NUMBER#
L4         1553 S DISPLAY? (P) HIGHLIGHT?
L5          653 S (HIGH OR LOW) (A) Z
L6        13337 S L1 AND L2
L7           75 S L6 AND L5
L8         4101 S OBJECT# (5A) L2
L9         8000 S L2 (5A) MATERIAL#
L10           9 S L2 (5A) BOMB#
L11          84 S L2 (5A) THREAT?
L12         530 S L2 (5A) SAFE?
L13          75 S L2 (5A) LUGGAGE#
L14           2 S L4 AND L13
L15          27 S L9 AND L4
L16           1 S L5 AND L12
L17          80 S L9 AND L3
L18           7 S L9 AND L5
L19          86 S L8 AND L4
L20          27 S L8 AND L3

=> d l7 3-4,7-8,16,62

3.  5,260,982, Nov. 9, 1993, Scattered radiation imaging apparatus;
Masashi Fujii, et al., 378/87, 57, 90 [IMAGE AVAILABLE]

4.  5,253,283, Oct. 12, 1993, Inspection method and apparatus with single
color pixel imaging; Martin Annis, et al., 378/98.7, 46, 62, 90 [IMAGE
AVAILABLE]

7.  5,181,234, Jan. 19, 1993, X-ray backscatter detection system; Steven
W. Smith, 378/87; 250/472.1; 378/57, 62, 70, 146, 901; 382/16, 22 [IMAGE
AVAILABLE]

8.  5,179,581, Jan. 12, 1993, Automatic threat detection based on
illumination by penetrating radiant energy; Martin Annis, 378/57;
250/442.11, 472.1; 348/162, 209, 672; 378/86, 87; 382/18, 41, 51 [IMAGE
AVAILABLE]

16.  5,022,062, Jun. 4, 1991, Automatic threat detection based on
illumination by penetrating radiant energy using histogram processing;
Martin Annis, 378/86, 57, 87; 382/16, 18, 41, 51 [IMAGE AVAILABLE]

62.  4,247,774, Jan. 27, 1981, Simultaneous dual-energy computer assisted
tomography; Rodney A. Brooks, 250/367; 378/5, 19 [IMAGE AVAILABLE]

=> d l11 20,26,31,36

20.  5,179,581, Jan. 12, 1993, Automatic threat detection based on
illumination by penetrating radiant energy; Martin Annis, 378/57;
250/442.11, 472.1; 348/162, 209, 672; 378/86, 87; 382/18, 41, 51 [IMAGE
```

AVAILABLE]

26. 5,153,439, Oct. 6, 1992, Multi-sensor explosive detection system using an articifical neural system; Tsahi Gozani, et al., 250/390.04; 376/159; 395/22 [IMAGE AVAILABLE]

31. 5,078,952, Jan. 7, 1992, Multi-sensor explosive detection system; Tsahi Gozani, et al., 376/159, 158, 161; 395/22, 933 [IMAGE AVAILABLE]

36. 5,022,062, Jun. 4, 1991, Automatic threat detection based on illumination by penetrating radiant energy using histogram processing; Martin Annis, 378/86, 57, 87; 382/16, 18, 41, 51 [IMAGE AVAILABLE]

=> d l13 4,9,66

4. 5,243,693, Sep. 7, 1993, System for simulating X-ray scanners; Yoram Maron, 395/135; 364/409; 395/152, 161 [IMAGE AVAILABLE]

9. 5,182,764, Jan. 26, 1993, Automatic concealed object detection system having a pre-scan stage; Kristian R. Peschmann, et al., 378/57; 250/442.11; 378/8, 53, 54, 62, 69 [IMAGE AVAILABLE]

66. 3,832,545, Aug. 27, 1974, NUCLEAR TECHNIQUES FOR DETECTING THE PRESENCE OF EXPLOSIVES; John Bartko, 376/159; 250/359.1, 367, 369, 390.04, 492.1; 378/57 [IMAGE AVAILABLE]

=> d l10 3,4

3. 4,839,913, Jun. 13, 1989, Shadowgraph imaging using scatter and fluorescence; Martin Annis, et al., 378/44, 87, 146 [IMAGE AVAILABLE]

4. 4,837,489, Jun. 6, 1989, Magnetometer-based locator and identifier for ferrous objects having unknown shapes; John E. McFee, 324/67, 207.26, 226, 260, 326, 345; 345/163 [IMAGE AVAILABLE]

=> d l15 4,7,20

4. 5,253,283, Oct. 12, 1993, Inspection method and apparatus with single color pixel imaging; Martin Annis, et al., 378/98.7, 46, 62, 90 [IMAGE AVAILABLE]

7. 5,182,764, Jan. 26, 1993, Automatic concealed object detection system having a pre-scan stage; Kristian R. Peschmann, et al., 378/57; 250/442.11; 378/8, 53, 54, 62, 69 [IMAGE AVAILABLE]

20. 4,799,247, Jan. 17, 1989, X-ray imaging particularly adapted for low Z materials; Martin Annis, et al., 378/87, 57, 86, 88 [IMAGE AVAILABLE]

=> d l20 1,2,4,6,9

1. 5,253,283, Oct. 12, 1993, Inspection method and apparatus with single color pixel imaging; Martin Annis, et al., 378/98.7, 46, 62, 90 [IMAGE AVAILABLE]

2. 5,247,559, Sep. 21, 1993, Substance quantitative analysis method; Tetsuro Ohtsuchi, et al., 378/53, 54, 56 [IMAGE AVAILABLE]

4. 5,179,581,Jan. 12, 1993, Automatic threat detection based on illumination by penetrating radiant energy; Martin Annis, 378/57; 250/442.11, 472.1; 348/162, 209, 672; 378/86, 87; 382/18, 41, 51 [IMAGE

AVAILABLE]

6. 5,153,439, Oct. 6, 1992, Multi-sensor explosive detection system using an articifical neural system; Tsahi Gozani, et al., 250/390.04; 376/159; 395/22 [IMAGE AVAILABLE]

9. 5,078,952, Jan. 7, 1992, Multi-sensor explosive detection system; Tsahi Gozani, et al., 376/159, 158, 161; 395/22, 933 [IMAGE AVAILABLE]

=> log y
U.S. Patent & Trademark Office LOGOFF AT 13:24:57 ON 30 APR 94

+++
OK

OK